

Derwent WPI

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7-Bromo-1,5-dihydro- 3,6-dimethyl-imidazo- quinazolinone prepn. - by reacting N-(6-amino-3-bromo- 2-methylbenzene)-alanine ethyl ester with bromocyan

Patent Assignee: HOFFMANN-LA ROCHE AG (HOFF)

Inventor: CHODNEKER M S; KLENZLE F

Patent Family (2 patents, 10 & countries)

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EP 54180	A	19820623	EP 1981109488	A	19811103	198226	B
JP 57123184	A	19820731				198236	E

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Patent Details

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EP 54180	A	DE	11		
Regional Designated States,Original		AT BE CH DE FR GB IT LI NL			

Alerting Abstract EP A

The prepn. of 7-bromo-1,5-dihydro- 3,6-dimethylimidazo (2,1-b)quinazolin-2 (3H)-one (I) in D-form or as the racemate comprises reacting N-(6-amino-3-bromo-2-methyl benzyl) -alanine-ethyl ester (II) in D-form, or as the racemate, with bromocyan.

(II) and the following intermediates are new cpds.: N-(3-bromo-2-methyl- 6-nitro-benzyl)- alanine-ethyl ester (III) in D-form or as racemate, 3-bromo-2-methyl-6-nitro-benzyl chloride (IV), 3-bromo-2-methyl- 6-nitrobenzyl alcohol (V), 3-bromo-6-nitro-o-tolualdehyde (VI), 3-bromo-2-methyl-bentaldehyde (VII), and 3-bromo-2-methyl benzoic acid (VIII).

(I) inhibits blood platelet aggregation and can therefore be used to protect against thromboses. (II)-(VIII) are all intermediates in the prepn. of (I).

Title Terms /Index Terms/Additional Words: BROMO; DI; HYDRO; METHYL; IMIDAZO; QUINAZOLINONE; PREPARATION; REACT; N; AMINO; ALANINE; ETHYL; ESTER; CYAN; ANTITHROMBOTIC; BLOOD; PLATELET; AGGREGATE; INHIBIT; AMINO; BROMO; METHYL; BENZENE